

Date: Friday, 27/02/2009 11:38:07 AM  
 User: Chantal Lavie

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services			Drawing Name	: PLUG		
Job Number	: 46114			Part Number	: D26513		
Estimate Number	: 12292			Drawing Number	: D2651 REV.B		
P.O. Number	:			Project Number	: N/A		
This Issue	: 27/02/2009 S.O. No. :			Drawing Revision	: B		
Prsht Rev.	: NC			Material	:		
First Issue	: / / Type : PURCHASED PARTS			Due Date	: 06/03/2009 Qty: 1,000 Um: Each		
Previous Run	: 44277						
Written By	: Le						
Checked & Approved By	: CLo9/02/27						
Comment	: est rev. A 06.02.15 new issue EC						

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :	
1.0	PG	PURCHASING	 <i>CLo9/03/02</i> <i>1000</i>
<b>Comment:</b> PURCHASING Issue P/O: <u>8302</u> Purchase P/N: 2-008 as per Dwg D2651 Supplier: Parker Ensure Certificate of Conformity is attached			
2.0	MS28775008	O RING	
<b>Comment:</b> Qty.: 1.0000 Each(s)/Unit Total : 1000.0000 Each(s) O RING			
3.0	PACKAGING 1	PACKAGING RESOURCE #1	
<b>Comment:</b> PACKAGING RESOURCE #1 Receive & Inspect For Transit Damage Ensure material certification is attached			
4.0	QC6	DIMENSIONAL CHECK	 <i>28/03/2009</i> <i>1000</i>
<b>Comment:</b> DIMENSIONAL CHECK Ensure Material certification comply to Dwg D3446			
5.0	PACKAGING 1	PACKAGING RESOURCE #1	 <i>28/03/2009</i> <i>1000</i>
<b>Comment:</b> PACKAGING RESOURCE #1 Identify and Stock Location: <u>FP-22</u>			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date:  
User:

Friday, 27/02/2009 11:38:07 AM  
Chantal Lavoie

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: PLUG

Job Number: 46114

Part Number: D26513

Job Number:



Seq. #: Machine Or Operation:

Description :

6.0 QC21

FINAL INSPECTION/W/O RELEASE



09/03/25 JG

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 09-03-25



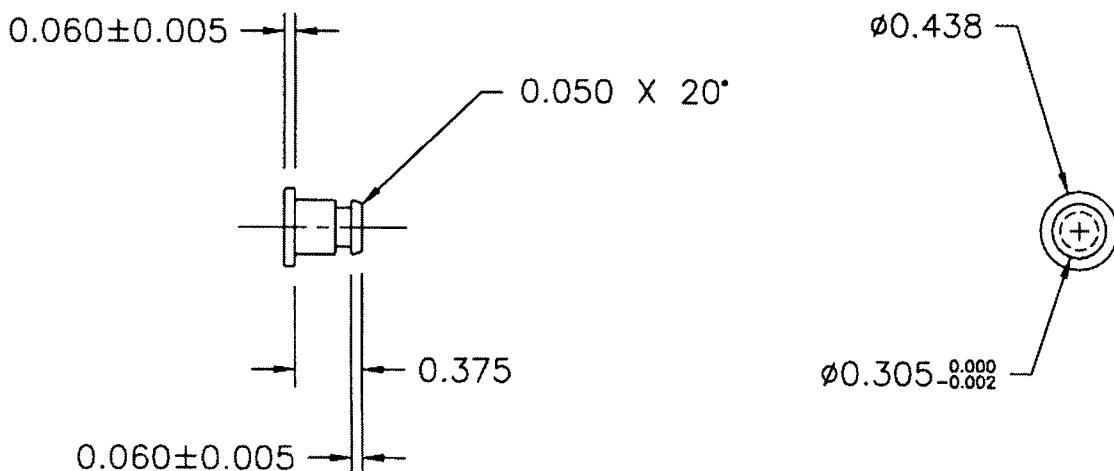
© COPY 1  
03.12.19

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	REV. B
		D2651	SHEET 1 OF 1
DATE	TITLE		SCALE
03.12.19	PLUG		1:1
A	97.03.25	NEW ISSUE	
B	03.12.19	ADD POWDER COAT, MS28775-008	

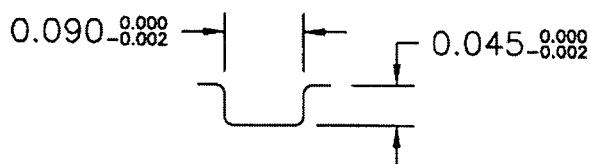
RELEASED

03.12.19

### D2651-1 PLUG:



### GROOVE DETAIL (SCALE 5:1)



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 46114

### D2651-1 PLUG

- 1) MATERIAL: 6061-T6 (QQ-A-225/8) OR 1100-0 (QQ-A-225/1)
- 2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.010 MAX

### D2651-3 O-RING

- 1) MATERIAL: BUNA N, 70 DUROMETER  
3/16 ID, 5/16 OD, 1/16 WIDTH  
(PARKER 2-008, MS28775-008 OR EQUIVALENT)

Copyright © 1997 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.


**Parker Hannifin Corporation**

O-Ring Division

Parker Seal de Matamoros

 Diagonal Lorenzo De La Garza #13 Ciudad  
 H. Matamoros, Tam. 87499, Mexico  
 Phone: (859) 335-3000

**— NOTICE —  
This is a C.B.I. Compound!**

 C.B.I. is Parker's exclusive quality assurance  
 program for Controlled Batch Identification,  
 your assurance of reliability.

Parker O-Ring Division certifies that the material used in the manufacture of the parts identified below and called for on Purchase Order Number 185183 received by us from SWAN ENGINEERING & SUPPLY is traceable to C.B.I. Number 0080097931 and that the material used conforms to the requirements of the specifications indicated below. The tests were performed in accordance with these specifications, and data supporting the indicated results are on file.

MS28775-008

MS28775-008

N0304 -75

10000 1Q09

02/11/09

TESTED AS: 2-214 &amp; BUTTONS

PHYSICAL PROPERTIES	REQUIREMENTS	VARIATION	PARKER FINDINGS
SPECIFICATION MIL-P-25732C	TYPE	CLASS	TEST DT 02/09/09
ASTMD297 SPECIFIC GRAVITY		(1.26 - 1.30)	1.2800
ASTMD2240 HARDNESS SHORE A		(70 - 80)	75
ASTMD1414 TENSILE STRENGTH, PSI	1350 MIN	(1440 - 2160)	1614
ASTMD1414 ELONGATION, %	160 MIN	(160 - 226)	181
MODULUS AT 100% ELONG.	500 MIN	(500 - 9999)	641
TR-10 50% ELONG. 10XRETURN	-49 MAX		-50.0
FLUID AGEING 70 HRS AT			
275F IN MIL H-5606			
ASTMD395 COMPRESSION SET % MAX	55		34.0
TR-10	-49 MAX		-54.0
ASTMD2240 HARDNESS CHANGE	+5 -15		-11.0
VOLUME CHANGE	1 +20		16.0

Testing Performed By PSDM Lab  
 Diagonal Lorenzo De La Garza #13 Ciudad  
 H. Matamoros, Tam. 87499, Mexico

CAGE CODE: 02697

No Mercury, Mercury compounds or Mercury bearing instruments, equipment or apparatus which might cause contamination has been used in the manufacture or subsequent processing of material covered by this order.

Purchaser use only. Reproduce only in full. Data pertains to items referenced.

The recording of false, fictitious or fraudulent statements or entries on the certificate may be punishable as a felony under federal law.

The information contained herein is submitted as the privileged and confidential property of the Parker Hannifin Corporation pursuant to 5 U.S.C. Section 552 (b)(3) and (b)(4), the Freedom of Information Act, exemption Number 3 and Number 4. This information shall not be duplicated, used or disclosed in whole or in part outside the recipient organization without express written consent of the Parker Hannifin Corporation.

O-Ring Division  
**PARKER HANNIFIN CORPORATION**

By

RUBEN RAMIREZ

Quality Assurance Manager

# M & M Aerospace Hardware, Inc.

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191  
 Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR  
 Remit Address: 88289 Expedite Way, Chicago, IL 60695-0001  
[www.mmaero.com](http://www.mmaero.com)

INVOICE NUMBER

Y37597

PAGE 1

SOLD TO:

002409

DART AEROSPACE LTD  
 1270 ABERDEEN ST  
 HAWKESBURY, ON  
 CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD  
 1270 ABERDEEN ST  
 HAWKESBURY, ON  
 CANADA K6A 1K7

ORDER NO.	DATE	SHIP VIA	TERMS		F.O.B.		
8302	03/23/09	FEDX INTL ECON COLL	NET 45		FOB-MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
	30	AN4C15 Description BOLT	2.350	EA	30	0	0.00
	1000	MS28775-008 Description PACKING CTRL#: 2009B07867 LOT#: 0080097931 LOT QTY: 1000 Country of Origin USA	0.120	EA	0	1000	120.00
		*** SHIPPED 1 CTN *** # 1=CTN 6# 0 OZ. 974751110103 FREIGHT ACCT# 15179324-0 TEL# 613-632-5200					
		DIMENSIONS: 9X9X8					
INVOICE#.....	Y37597						
ORDER#.....	766W92						
cmr	766W92	SHIPPED ON 03/23/09					
SUBTOTAL : 120.00 HANDLING : 0.00 DISC/ALL : 0.00 INCM FRT : 0.00 FREIGHT : 0.00 TOTAL : 120.00 USD U.S. CURRENCY							

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY M & M AEROSPACE

WE HEREBY CERTIFY THAT ALL PROVISIONS OF THE FAIR LABOR STANDARDS ACT ON JUNE 25, 1983, AS AMENDED, HAVE BEEN FULLY COMPLIED WITH IN THE MANUFACTURE, PRODUCTION OR PURCHASE OF GOODS LISTED HEREON.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE. ALL PAST DUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 1 1/4% MONTH (18% PER ANNUM).

MATERIAL CERTIFICATION

M & M AEROSPACE HARDWARE, INC. ("M & M AEROSPACE") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH CURRENT GOVERNMENTAL REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. M & M AEROSPACE DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF M & M AEROSPACE IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT OF ANY ITEM WHICH IS REJECTED BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP. SUCH REPLACEMENT SHALL CONSTITUTE SATISFACTION OF ALL LIABILITY M & M MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL M & M AEROSPACE BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, M & M AEROSPACE MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

PACKING SLIP

Vice President of Quality